Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known	
Application Number	10/803,507
Filing Date	03/18/2004
First Named Inventor	Storer
Art Unit	
Examiner Name	Jeanglaude
Attorney Docket Number	

Sheet | 1 | of | 5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,366,551	12-28-1982	Holtz	all pages
		US- 4,558,302	12-10-1985	Welch	all pages
		US- 4,646,061	02-24-1987	Bledsoe	all pages
		US- 4,701,745	10-20-1987	Waterworth	all pages
		US- 4,730,348	03-08-1988	MacCrisken	all pages
		US- 4,814,746	03-21-1989	Miller et al.	all pages
		US- 4,876,541	10-24-1989	Storer	all pages
		US- 4,905,297	02-27-1990	Langdon et al.	all pages
		US- 4,906,991	03-06-1990	Fiala et al.	all pages
		US- 5,003,307	03-26-1991	George et al.	all pages
		US- 5,016,009	06-11-1991	George et al.	all pages
		US- 5,126,739	06-20-1992	George et al.	all pages
		US- 5,153,591	10-06-1992	Clark	all pages
		US- 5,175,543	12-29-1992	Lantz	all pages
		US- 5,179,378	06-12-1993	Ranganathan et al.	all pages
		US- 5,253,325	10-12-1993	Clark	all pages
		US- 5,379,036	01-03-1995	Storer	all pages
		US- 5,479,654	12-26-1995	Squibb	all pages
		US- 5,608,396	03-04-1997	Cheng et al.	all pages

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*	Application Number	10/803,507
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		US- 5,745,906	04-28-1998	Squibb	all pages
		US- 5,813,017	09-22-1998	Morris	all pages
		US- 6,018,747	01-25-2000	Burns et al.	all pages
		US- 6,233,589	05-15-2001	Muralidhar	all pages
		US- 6,374,250	04-16-2002	Ajtai et al.	all pages
		US- 6,671,703	06-22-2001	Thompson et al.	all pages
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T^2
		AJTAI, Burns, Fagin, and Long [2002]. "Compactly Encoding Unstructured Inputs with Differential Compression", J. of the ACM 49:3, 318–367. (U.S.)	
		APOSTOLICO, Browne, and Guerra [1992]. "Fast Linear-Space Computations of Longest Common Subsequences", Theoretical Computer Science, 92:1, 3-17. (U.S.)	
		BURNS and Long [1997]. "A Linear Time, Constant Space Differencing Algorithm", Proc. IEEE Int. Conf. on Perform., Comp., and Communications. (U.S.)	
		BURNS and Long [1997b]. "Efficient Distributed Backup and Restore with Delta Compression", Workshop on I/O in Parallel and Distributed Systems (IOPADS). (U.S.)	
		BURNS, Stockmeyer, and D. D. E. Long [2002]. "Experimentally Evaluating In-Place Delta Reconstruction", NASA Conf. on Mass Storage Sys. and Tech. (U.S.)	
		CORMODE, Paterson, Sahinalp and Vishkin [2000]. "Communication Complexity of Document Exchange", Proc. 11th Symp. on Discrete Algorithms, 197–206. (U.S.)	
		FACTOR, Sheinwald, and Yassour [2001]. "Software Compression in the Client/Server Environment", Proc. Data Compression Conf., IEEE Comp. Society Press, 233–242. (U.S.)	
		FRASER and Myers [1987]. "An Editor for Revision Control", ACM Transactions on Programming Languages and Systems 9:2, 277-295. (U.S.)	
		HUNT, Vo, and Tichy [1998]. "Delta algorithms: An Empirical Analysis", ACM Trans. on Software Engineering and Methodology 7, 192–214. (U.S.)	
		HUFFMAN [1952]. "A Method for the Construction of Minimum-Redundancy Codes", Proceedings of the IRE 40, 1098-1101. (U.S.)	

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	Art Unit	
	Examiner Name	Jeanglaude
Sheet 4 of 5	**Attorney Docket Number**	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		LEMPEL and Ziv [1976]. "On the Complexity of Finite Sequences", IEEE Transactions on Information Theory 22:1, 75-81. (U.S.)	
		MILLER and Myers [1985]. "A File Comparison Program", Software--Practice and Experience 15:11, 1025-1040. (U.S.)	
		RICK [1995]. "A New Flexible Algorithm for the Longest Common Subsequence Problem", Proc. 6th Annual Symposium on Combinatorial Pattern Matching, Espoo, Finland, 5-7. (U.S.)	
		SHAPIRA, and Storer [2002]. "Edit Distance with Move Operations", Proceedings Conference of Combinatorial Pattern Matching (CPM), Springer, 85–98. (U.S.)	
		REICHENBERGER [1991]. "Delta Storage for Arbitrary Non-Text Files", Proc. 3rd Int. Workshop on Software Configuration Management, Trondheim, Norway, 12-14. (U.S.)	
		SHAPIRA, and Storer [2003]. "In-Place Differential File Compression", Proc. 2003 Data Comp. Conf. (published March 25, 2003), IEEE Comp. Soc. Press, 263–272. (U.S.)	
		STORER and T. G. Szymanski [1978]. "The Macro Model for Data Compression", Proc. 10th Annual ACM Symposium of the Theory of Computing, San Diego, CA, 30-39. (U.S.)	
		STORER and Szymanski [1982]. "Data Compression Via Textual Substitution", Journal of the ACM 29:4, 928-951. (U.S.)	
		STORER [1988]. Data Compression: Methods and Theory, Computer Science Press (a subsidiary of W. H. Freeman Press). (U.S.)	
		STORER [2002]. "An Introduction to Data Structures and Algorithms", Birkhauser - Springer. (U.S.)	

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		TICHY [1984]. "The String to String Correction Problem with Block Moves", ACM Transactions on Computer Systems 2:4, 309–321. (U.S.)	
		WAGNER and Fischer [1973]. "The String-to-String Correction Problem", Journal of the ACM 21:1, 168-173. (U.S.)	
		WEINER [1973]. "Linear Pattern Matching Algorithms", Proceedings of the 14th Annual IEEE Symposium on Switching and Automata Theory, 1–11. (U.S.)	
		ZIV and Lempel [1977]. "A Universal Algorithm for Sequential Data Compression", IEEE Transactions on Information Theory 23:3, 337-343. (U.S.)	
		ZIV and Lempel [1978]. "Compression of Individual Sequences Via Variable-Rate Coding", IEEE Transactions on Information Theory 24:5, 530-536. (U.S.)	

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